

Séminaire LAL

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(IAP)

Mardi 21 mai 2019 à 11h00

On the connectivity of the cosmic web

Cosmic connectivity and multiplicity, i.e. the number of filaments globally or locally connected to a given cluster is a natural probe of the growth of structure and in particular of the nature of dark energy. It is also a critical ingredient driving the assembly history of galaxies as it controls mass and angular momentum accretion. In this talk, I will describe how cosmic connectivity can be understood and modelled from first principles. Applications to cosmology and galaxy formation will be discussed.

Salle 101 - Bât. 200, Orsay

Organisation :

Joao Coelho - Thibaud Louis - Aurélien Martens - Dimitris Varouchas (LAL) - seminaires@lal.in2p3.fr

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